

**Notice of Allowability**

Application No.

09/784,988

Examiner

AJIT G. PATEL

Applicant(s)

MUTREJA, GIRISH K.

Art Unit

2664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/4/2005.

2. ☒ The allowed claim(s) is/are 1-10.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some\* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_

4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other \_\_\_\_\_

  
Ajit Patel  
Primary Examiner

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Penny Lowry on 11/08/2005.

2. The application has been amended as follows: The following claims 1-4 and 7 are amended.

1. A system for enabling message transfer comprising:

an intra-process messaging switch, coupled to a message transfer system, for communicating with the message transfer system in accordance with a protocol of the message transfer system and coupled to at least two message source links to enable the exchange of data between a message source and the message transfer system responsive to issuance of message source independent commands; and

a command set of message source independent commands to be issued from the intra-process messaging switch that enables the intra-process messaging switch to issue configuration, control, command, and data processing directives to the at least two message source links, such command set usable by a system administrator of a message source to enable a switch to transfer data to a message source link without requiring the switch to be aware of any message source specific functionality; and

the at least two message source links coupled to message sources of different types and the intra-process messaging switch, wherein each message source link translates messages into formats compatible with the message source type of the message source to which the message source link is coupled in response to receiving message source independent commands.

2. The system of claim 21, wherein the at least two message source links issue message source independent commands to the intra-process messaging switch to transfer messages from message sources to other message sources in the system.

3. The system of claim 1 wherein a the command set of message source independent commands to be issued from an intra-process messaging switch to a message source link is comprised of start message source link, stop message source link, process data, process command, get property value of a message source link, and set property value of a message source link, ~~and a system administrator of a message source is able to use the command set to enable a switch to transfer data to a message source link without requiring the switch to be aware of any message source specific functionality.~~

4. The system of claim 2 wherein a command set of message source independent commands to be issued from a message source link to an intra-process messaging switch ~~providing~~ provides the intra-process messaging switch the ability to start

execution of a message source link, stop execution of a message source link, have a message source process data, and have a message source process a command, and a system administrator of a sending message source is able to use the command set to enable a message source link to transfer data to other message sources without requiring the sending message source to be aware of any message source specific functionality.

7. A system for transferring messages in a network comprising:

- a plurality of message sources;
- a plurality of message source links, each coupled to a message source;
- an intra-process messaging switch, coupled to a subset of the plurality of message sources via the message source links; and
- a message transfer system, coupled to the intra-processing process messaging switch, wherein the message transfer system transfers messages based on subscription lists maintained by the intra-process messaging switch, such subscription lists indicating ~~whether a switch has subscribed to a subject of a message and which message~~ sources have subscribed to a subject of a message, thereby enabling the message transfer system to transfer a single copy of a message to a subscribing intra-process ~~messaging switch~~ message source regardless of whether multiple message sources coupled to the intra-process messaging switch have subscribed to the subject of the message.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to AJIT G. PATEL whose telephone number is 571-272-3140. The examiner can normally be reached on MONDAY-THURSDAY.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin can be reached on 571-272-3134. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AP

  
Ajit Patel  
Primary Examiner